CLAIMS

1. A beverage container including a body member with at top end and cooling member detachably engageable with said body member, wherein said body member is adapted to hold a beverage, wherein said cooling member is adapted to contain a cooling agent, wherein when said cooling member is engaged with said body member, at least a major portion of said top end of said body member is closed and at least part of said cooling member extends into an interior cavity of said body member, wherein said cooling member includes vessel member and a top closure member threadedly engageable with each other, (wherein said vessel member is engaged with said top closure member, the volume of the internal cavity of said at least one cooling member is larger than the volume of the vessel member, to thereby allow said coolable agent in said vessel to expand into a cavity of said top closure member upon freezing.)

2. A beverage container according to Claim 1 where in either one of the vessel member or the closure member includes a sealing ring.

3. A beverage container according to Claim 2 wherein said vessel member includes said sealing ring.

4. A beverage container according to Claim 1 wherein said vessel member is made of a metal.

5. A method of using beverage container, including the steps of:

(a) providing a body member with a top end, said body member being adapted to hold a beverage,

(b) providing a cooling member detachably engageable with said body member, said cooling member being adapted to contain a coolable agent and including a vessel member and a top closure member threadedly engageable with each other, wherein when said cooling member is engaged with said body member, at least a major portion of said top end of said body member is closed and at least part of said cooling member extends

into an interior cavity of said body member (wherein when said vessel member is engaged with said top closure member, the volume of the internal cavity of said at least one cooling member is larger than the volume of the vessel member, to thereby allow said coolable agent in said vessel to expand into a cavity of said top closure member upon freezing;)

(c) introducing said coolable agent into a cavity of said cooling member,

(d) placing said cooling member into a refrigerating apparatus,

(e) retrieving said cooling member from said refrigerating apparatus after said coolable agent is cooled to below the ambient temperature, and

(f) engaging said cooling member with said body member.

6. A method according to Claim 5 wherein said coolable agent is water

7. A method according to Claim 5 further including a step of providing either one of the vessel member or the closure member with a sealing ring.

8. A method according to Claim 7 further including a step of providing said vessel member with said sealing ring.

9. A method according to Claim 5 wherein said vessel member is made of a metal.